

INTERACTIVE MEDICAL KNOWLEDGE BASE

ABSTRACT

Systems and methods for automatically recognizing and processing verbal data associated with medical treatment diagnosis and related billing, compliance and reporting procedures in the healthcare industry are provided. A method for completing and generating a claim form comprises providing an interactive voice interface for receiving and analyzing one or more verbal inputs to a computing system. The system interprets the one or more verbal inputs to fill one or more corresponding fields in an electronic form. The system continues to receive and analyze verbal inputs until the electronic form is completed. The system associates the content of the electronic form with one or more industry codes. The industry codes identify at least the nature of one or more services associated with the one or more verbal inputs. The system then arranges the codes in a predetermined manner to generate a claim for reimbursement that can be processed by a medical claims processing facility.